

ABSTRACT

In one embodiment, a distributed redundant control signal distribution system comprises a first control signal source co-located with a first set of control signal controlled circuit elements, at least one second control signal source co-located with a second set of control signal controlled circuit elements, at least one controller for providing control signals from the first control signal source to control both the first and second sets of controlled circuit elements, the controller operable for substituting signals from the second control signal source for signals from the first signal control source if the signals from the first control signal source become unavailable to either the first or second circuit elements.